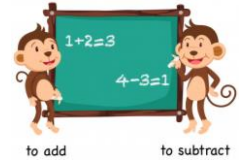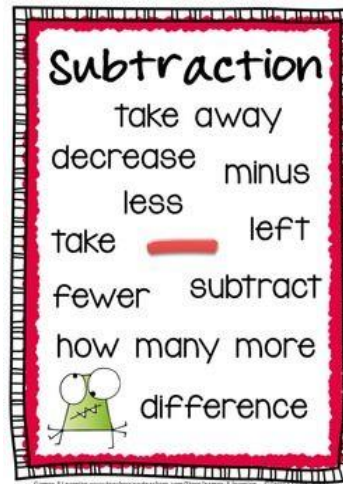# Counting On and Back

It is important to recognise the signs and words associated with addition and subtraction so begin by discussing these. You could even make your own poster to represent your learning.

Addition
altogether
join
sum
plus
add
combined
in all
both
total
increase

Subtraction
take away
decrease
minus
less
take
left
fewer
subtract
how many more
difference

Watch this video clip about using the counting on strategy.
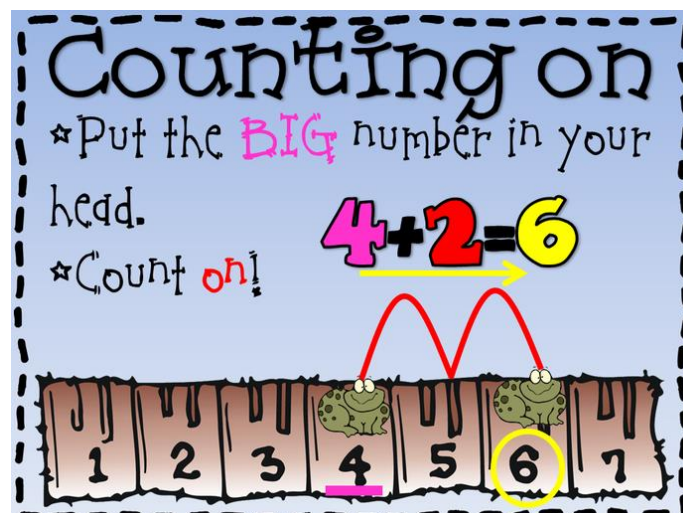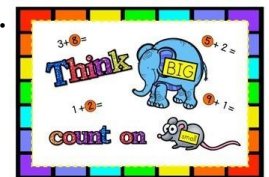https://www.youtube.com/watch?v=p2W0I06Nq5s

Step 1: Read the sum (paying attention to the sign for addition).
Step 2: Decide which number is the biggest and put it in the 'bank' (even if it is not the first number in the sum).
Step 3: Use Fastest Finger to show the second number.
Step 4: Tap or nod your head, to remind you which number is in the bank, then 'count on' from this number, putting a finger down for each number you count, until you reach the answer.
Step 5: Record the answer.

Counting on
* Put the BIG number in your head.
* Count on!

$4+2=6$

1 2 3 4 5 6 7

Now use your whiteboard or the addition grid (laminated or in a polypocket) to practise using this strategy.

Watch this video clip about using the counting back strategy.
https://www.youtube.com/watch?v=sdCXXag1Js8

Step 1: Read the sum (paying attention to the sign for subtraction).
Step 2: Decide which number is the biggest and put it in the 'bank' (it should be the first number in the sum).
Step 3: Use Fastest Finger to show the second number.
Step 4: Tap or nod your head, to remind you which number is in the bank, then 'count back' from this number, putting a finger down for each number you count, until you reach the answer.
Step 5: Record the answer.
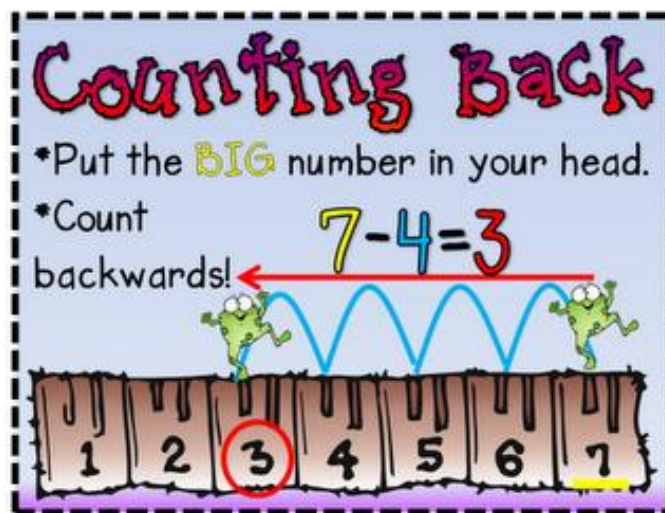
Now use your whiteboard or the subtraction grid (laminated or in a polypocket) to practise using this strategy.
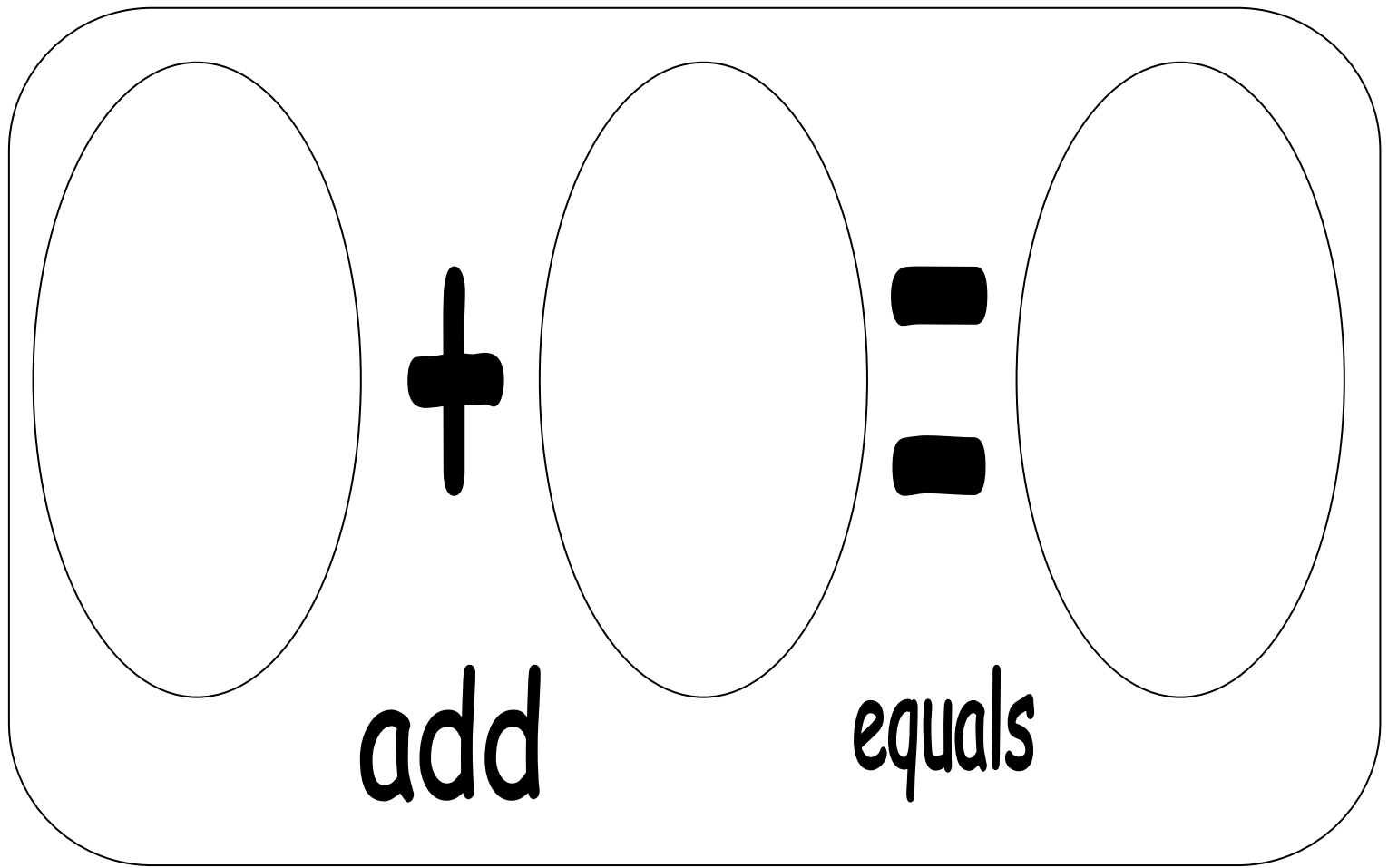
You should be aiming to answer the sum without using practical materials to make the numbers. You should be able to 'picture' the quantity of the first number in your head and use your Fastest Finger to show the second number.

Use the worksheets provided to practise counting on and counting back for numbers to 10 (make sure you check the sign in each sum to decide whether to add or subtract). Having worked on number bonds and fact families for the past month, you may discover that you already 'know' the answer and don't need to use the strategy. If so, move on to numbers to 20. If you also 'know' the answer to these sums, without counting, then try some of your own sums using a two-digit number beyond 20 and adding or subtracting a single-digit number (there is a blank sheet provided for this).
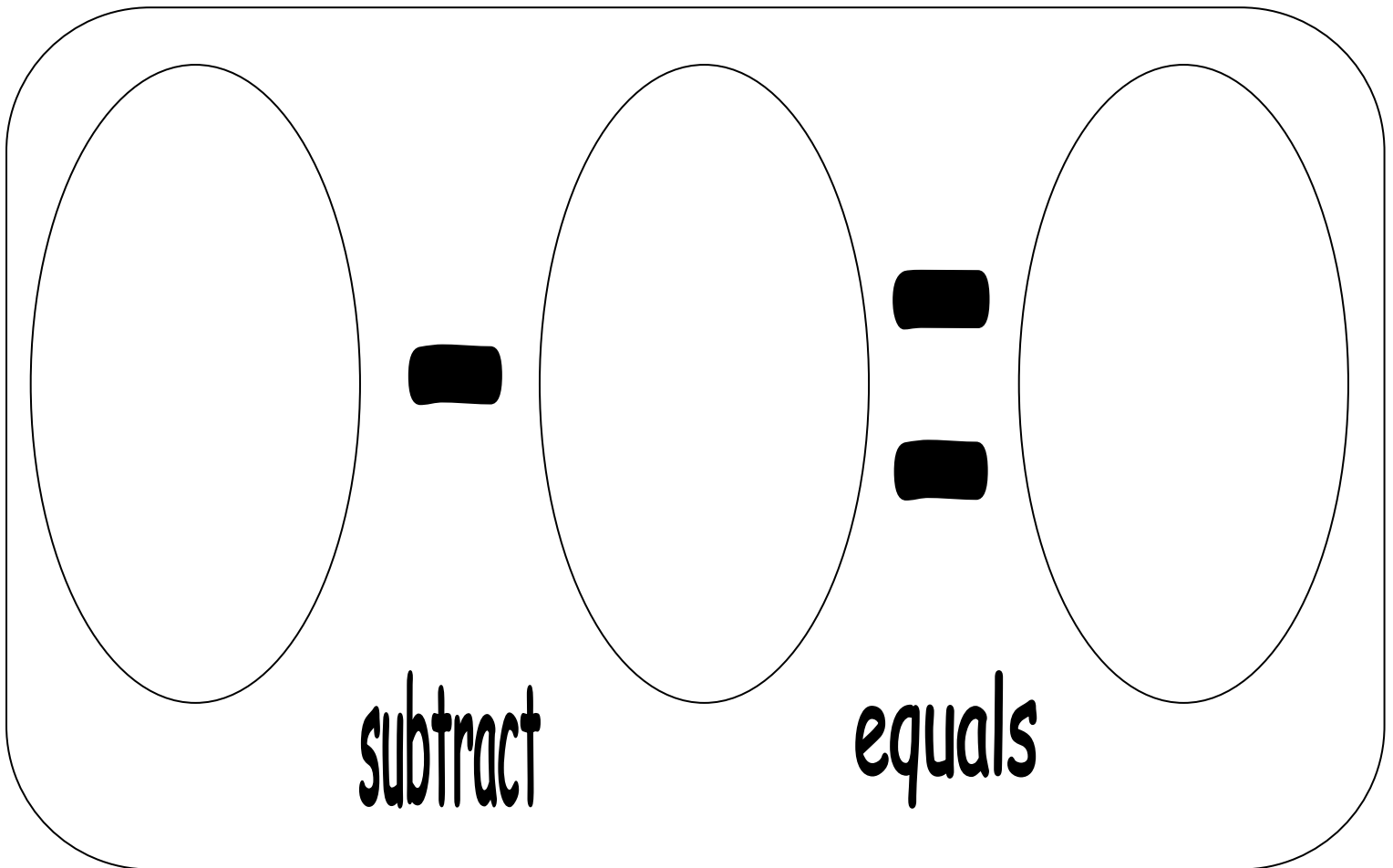
Challenge: Use pink and green to assess your work against the set criteria.

+

add

=

equals

–

subtract

=

equals

Counting On and Back – 10 a

Name: _____

Date: _____

LI: We are learning to count on (add) and back (subtract).

S.C.: I can read the sum and decide whether
    to add or subtract.
    I can 'bank' the first number.
    I can use fastest finger to show then count on or
    count back the second number.
    I can record the correct answer.

$$5 + 1 =$$

$$9 - 2 =$$

$$6 + 3 =$$

$$4 - 4 =$$

$$7 + 3 =$$

$$8 - 2 =$$

$$3 + 1 =$$

$$10 - 0 =$$

Counting On and Back – 10 b

Name: _____

Date: _____

$$5 - 1 =$$

$$8 + 2 =$$

$$6 - 3 =$$

$$4 + 4 =$$

$$7 - 3 =$$

$$2 + 8 =$$

$$3 - 1 =$$

$$10 + 0 =$$

Counting On and Back – 10 c

Name: _____

Date: _____

LI: We are learning to count on (add) and back (subtract).

S.C.: I can read the sum and decide whether
   to add or subtract.
   I can 'bank' the first number.
   I can use fastest finger to show then count on or
   count back the second number.
   I can record the correct answer.

$5 - 3 =$

$8 + 1 =$

$6 - 5 =$

$4 + 6 =$

$7 - 2 =$

$2 + 7 =$

$3 - 3 =$

$9 + 0 =$

Counting On and Back – 20 a

Name: _____

Date: _____

LI: We are learning to count on (add) and back (subtract).

S.C.: I can read the sum and decide whether
     to add or subtract.
     I can 'bank' the first number.
     I can use fastest finger to show then count on or
     count back the second number.
     I can record the correct answer.

15 + 1 =

19 − 2 =

16 + 3 =

14 − 4 =

17 + 3 =

18 − 2 =

13 + 1 =

10 − 2 =

Counting On and Back – 20 b

LI: We are learning to count on (add) and back (subtract).

S.C.: I can read the sum and decide whether
to add or subtract.
I can 'bank' the first number.
I can use fastest finger to show then count on or
count back the second number.
I can record the correct answer.

Name: _____

Date: _____

$$12 - 4 =$$

$$13 + 3 =$$

$$14 + 5 =$$

$$15 - 2 =$$

$$16 - 6 =$$

$$17 + 1 =$$

$$18 + 0 =$$

$$19 - 7 =$$

Counting On and Back – 20 c

Name: _____

Date: _____

17 + 2 =

15 – 5 =

12 + 6 =

19 – 7 =

11 – 3 =

10 + 10 =

13 + 4 =

18 – 9 =

Counting On and Back

Name: _____

Date: _____

LI: We are learning to count on (add) and back (subtract).

S.C.: I can read the sum and decide whether to add or subtract.
I can 'bank' the first number.
I can use fastest finger to show then count on or count back the second number.
I can record the correct answer.

	$+$		$=$
	$-$		$=$
	$+$		$=$
	$-$		$=$
	$+$		$=$
	$-$		$=$
	$+$		$=$
	$-$		$=$